

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015575.D
 Acq On : 15 Sep 2023 17:25
 Operator : SY/MD
 Sample : 04399-01
 Misc : 3.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 17:37:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

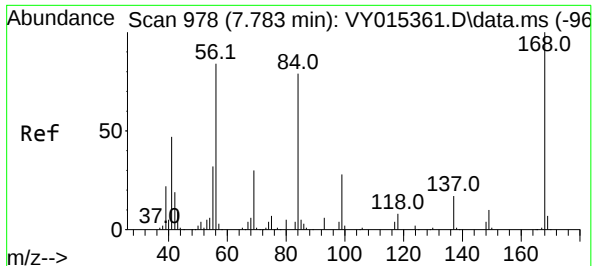
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	295910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	467684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	188660	59.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.940%	
35) Dibromofluoromethane	7.716	113	159577	54.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.179	98	599656	57.001	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.000%	
62) 4-Bromofluorobenzene	12.477	95	205779	52.690	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	11467	Below Cal	#	89
16) Acetone	3.954	43	3670	2.772	ug/l	93
20) Methylene Chloride	4.716	84	24348	Below Cal		91
25) 2-Butanone	6.984	43	4190	2.231	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	5929	1.179	ug/l #	54
31) Cyclohexane	7.783	56	6120	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23501	4.607	ug/l #	50
37) Ethyl Acetate	6.984	43	4190	1.065	ug/l #	1
38) Carbon Tetrachloride	7.789	117	29749	5.647	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	110352	38.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	110352	84.597	ug/l #	10

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 15 17:37:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

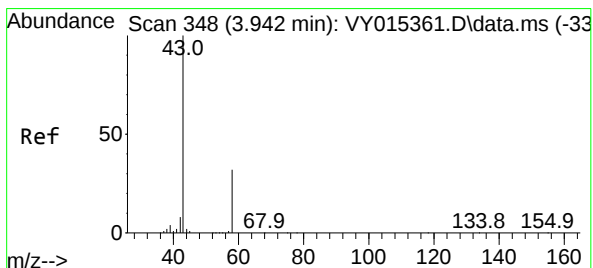
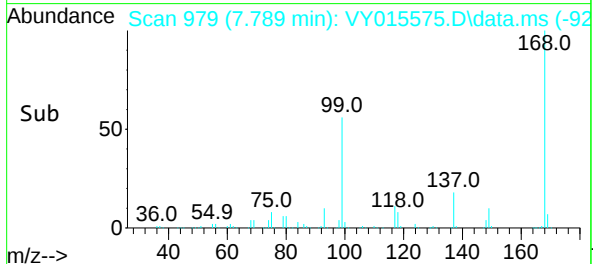
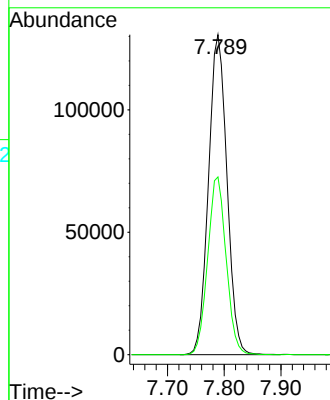
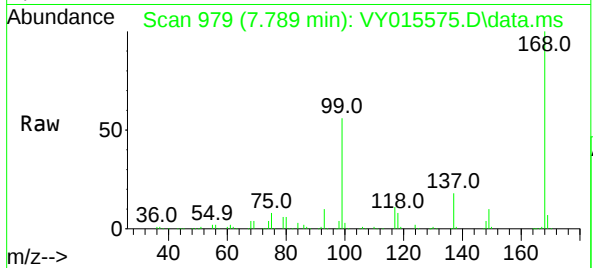




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

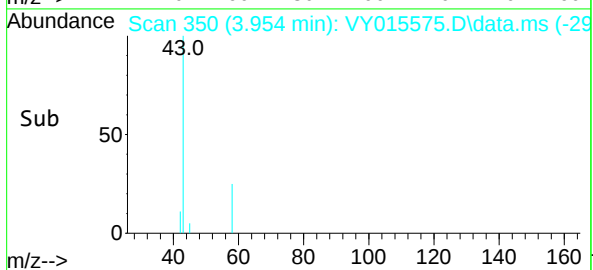
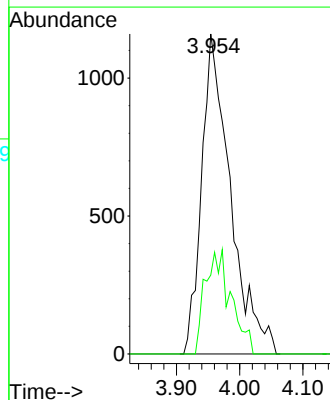
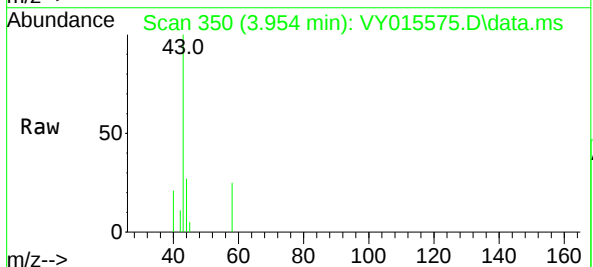
Instrument :
MSVOA_Y
ClientSampleId :

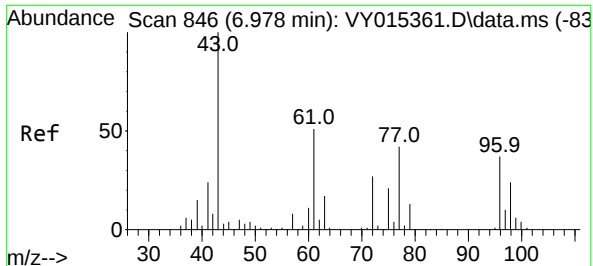
Tgt Ion:168 Resp: 295910
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 2.772 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1





#25

2-Butanone

Concen: 2.231 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015575.D

Acq: 15 Sep 2023 17:25

Instrument :

MSVOA_Y

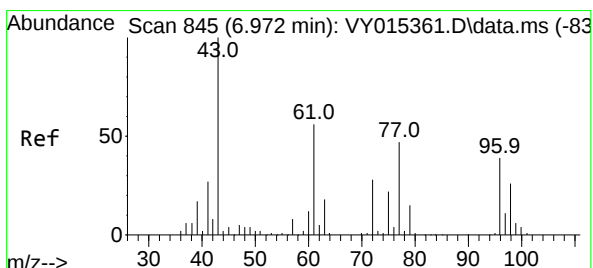
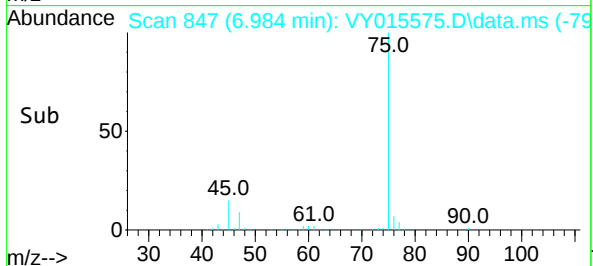
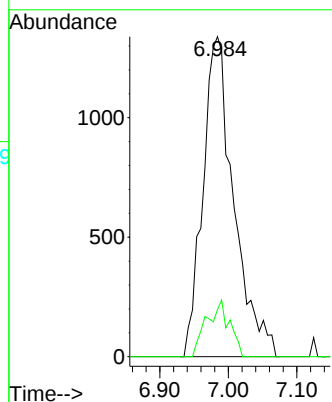
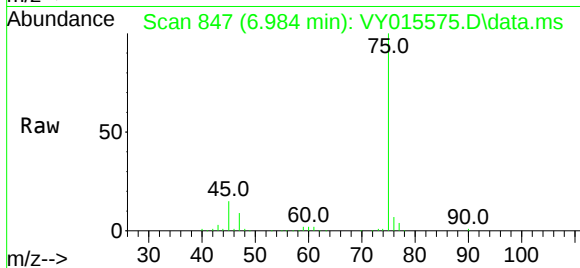
ClientSampleId :

Tgt Ion: 43 Resp: 4190

Ion Ratio Lower Upper

43 100

72 14.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.179 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015575.D

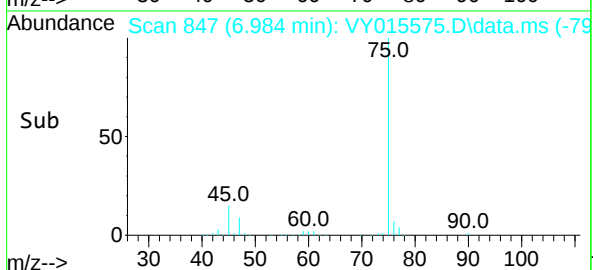
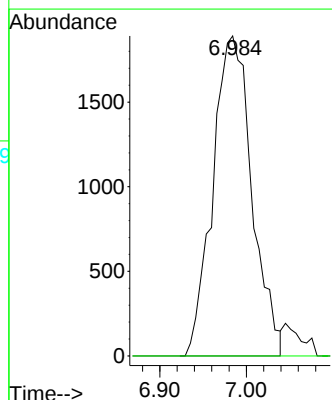
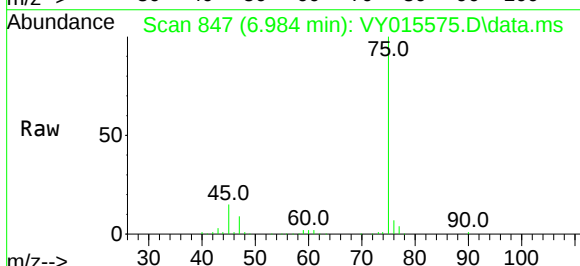
Acq: 15 Sep 2023 17:25

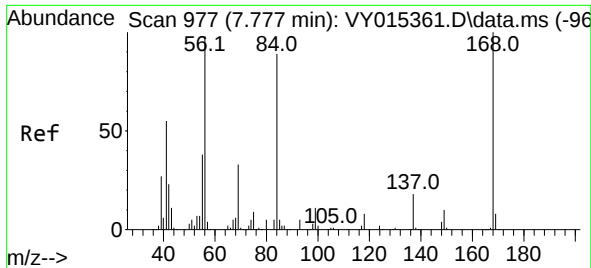
Tgt Ion: 77 Resp: 5929

Ion Ratio Lower Upper

77 100

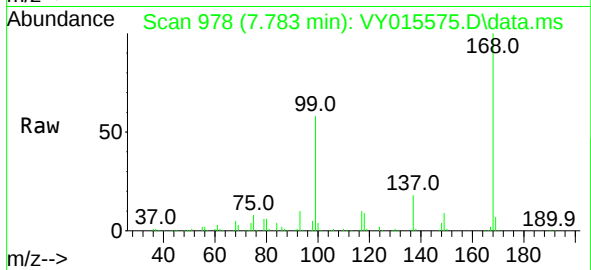
97 0.0 10.9 32.9#



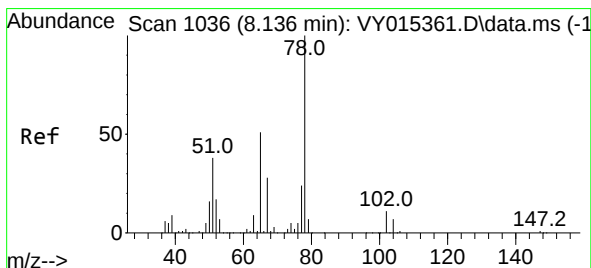
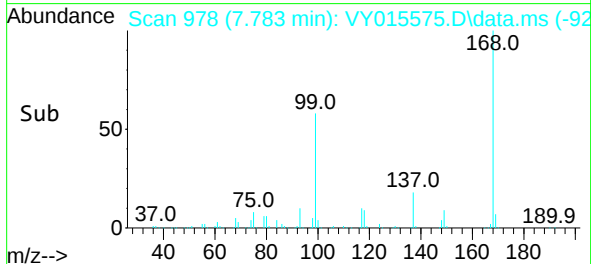
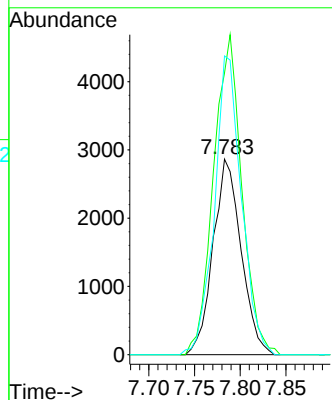


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :

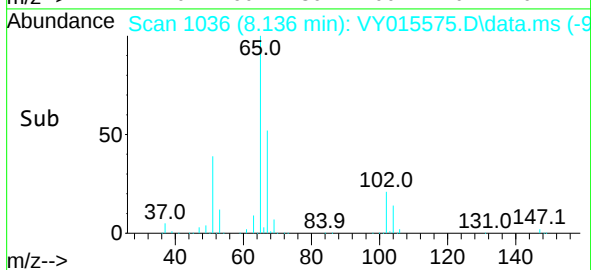
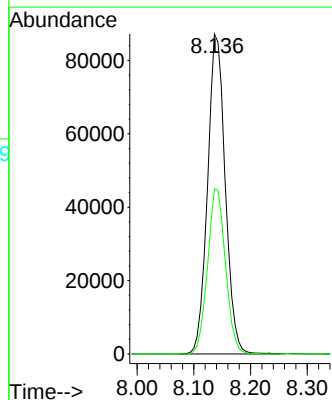
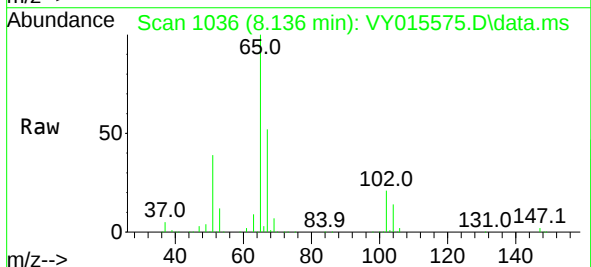


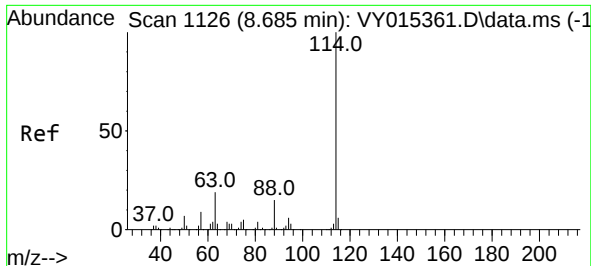
Tgt Ion: 56 Resp: 6120
Ion Ratio Lower Upper
56 100
69 144.1 27.8 41.6#
84 152.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.475 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Tgt Ion: 65 Resp: 188660
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

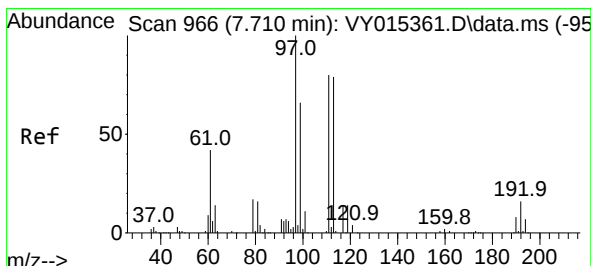
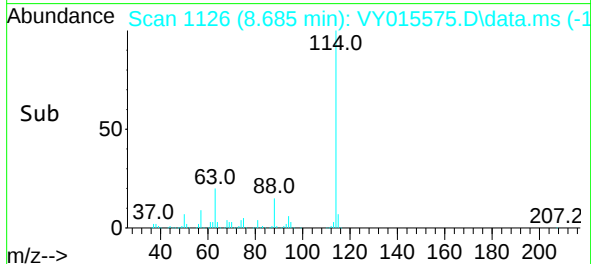
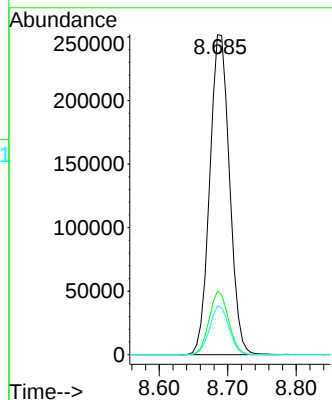
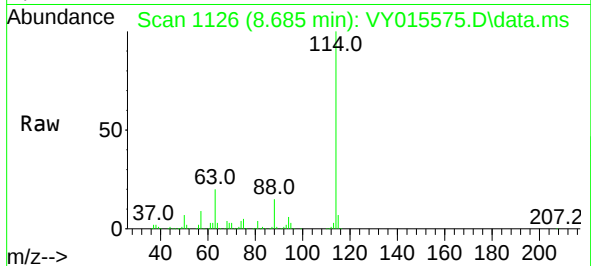




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015575.D
 Acq: 15 Sep 2023 17:25

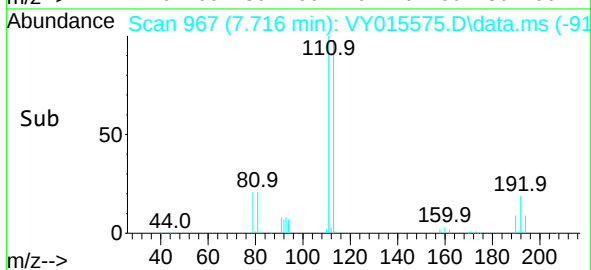
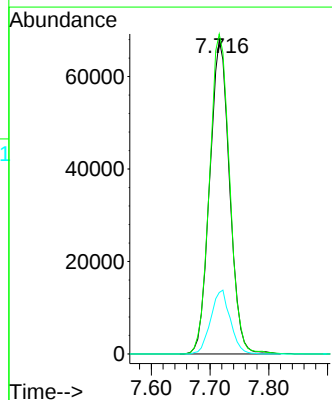
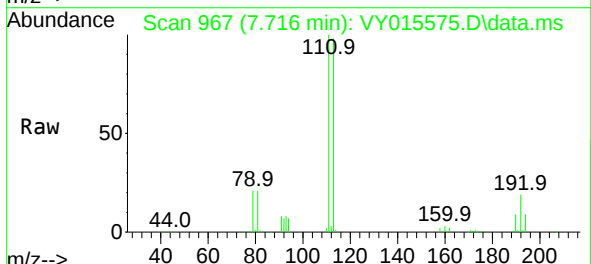
Instrument :
 MSVOA_Y
 ClientSampleId :

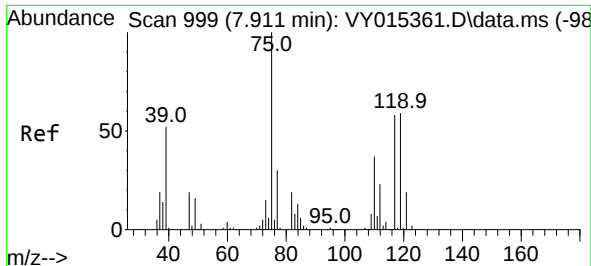
Tgt Ion:	114	Resp:	504362
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	15.3	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 54.931 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY015575.D
 Acq: 15 Sep 2023 17:25

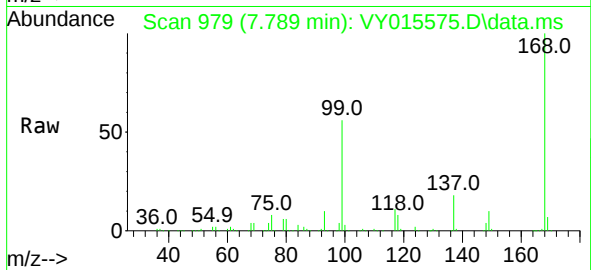
Tgt Ion:	113	Resp:	159577
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	20.0	16.9	25.3



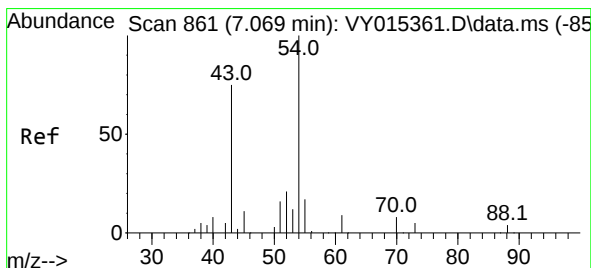
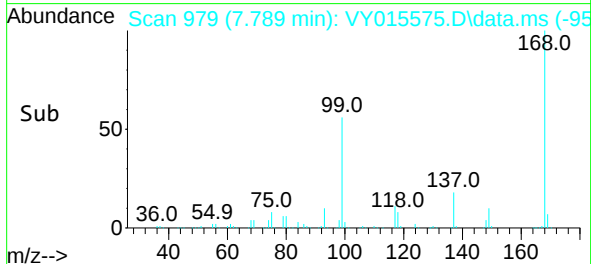
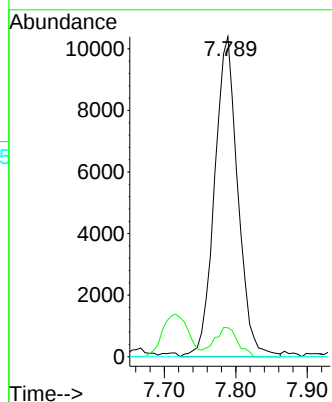


#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :

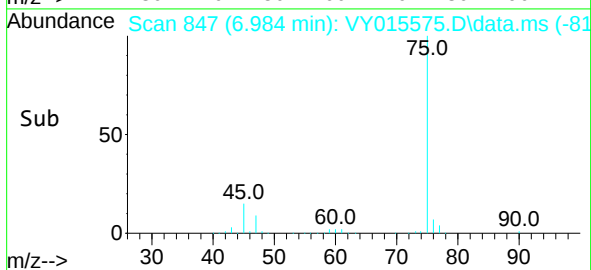
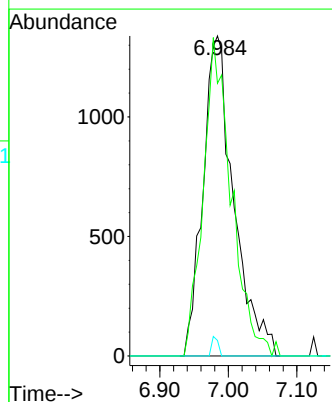
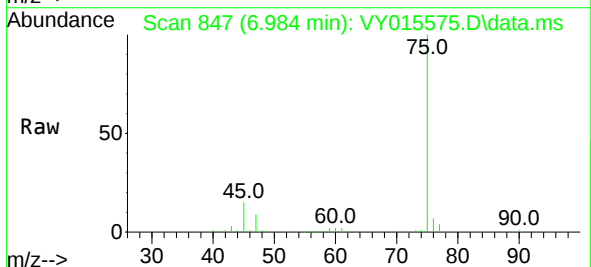


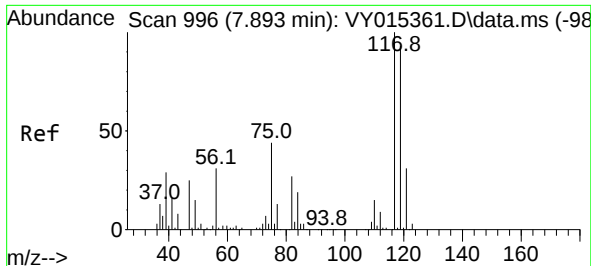
Tgt Ion: 75 Resp: 23501
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.065 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

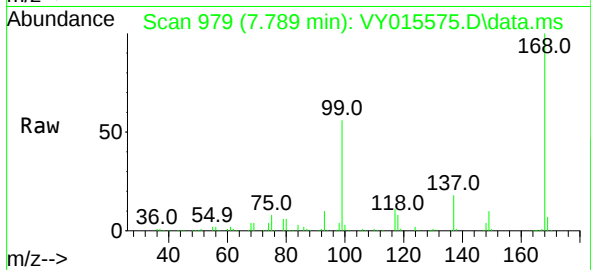
Tgt Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
61 91.1 10.1 15.1#
70 1.3 7.1 10.7#



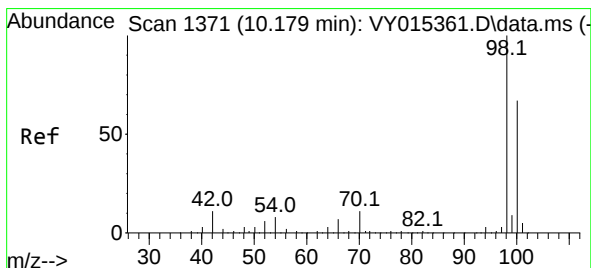
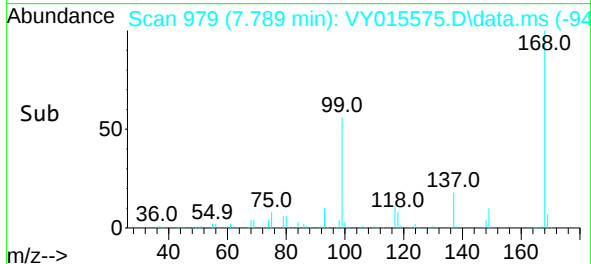
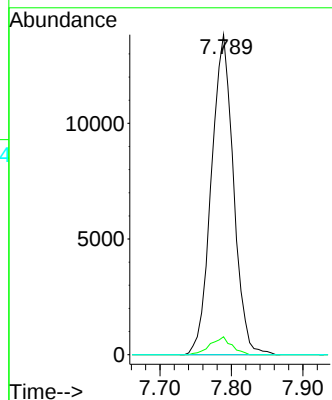


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :

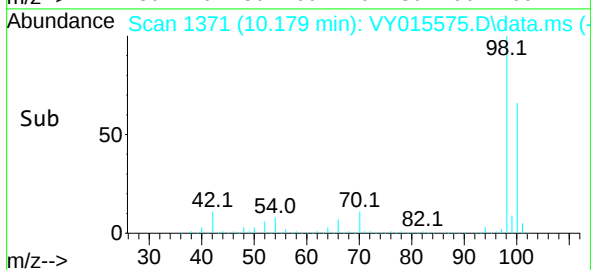
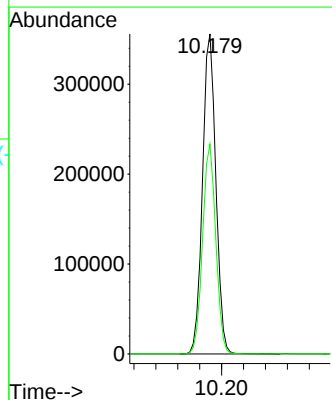
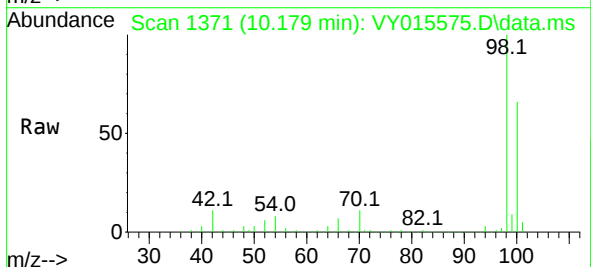


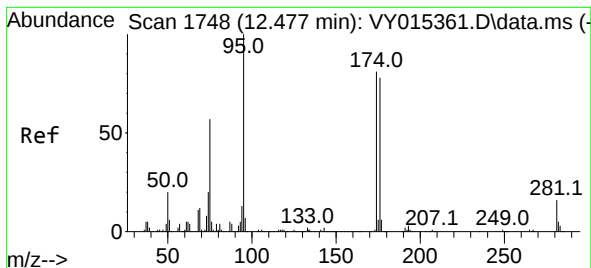
Tgt Ion:117 Resp: 29749
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.001 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

Tgt Ion: 98 Resp: 599656
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

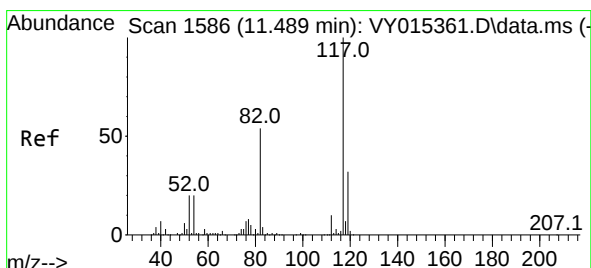
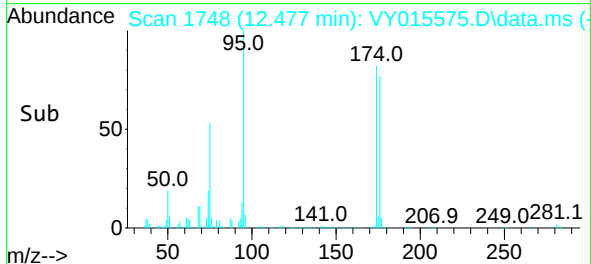
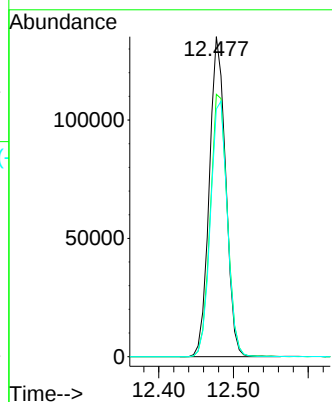
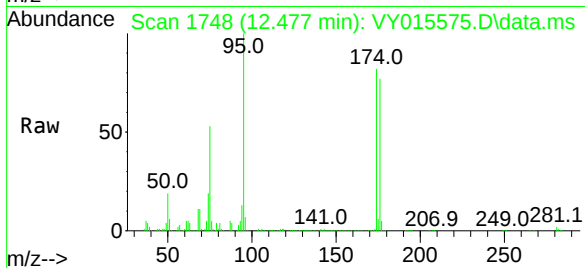




#62
4-Bromofluorobenzene
Concen: 52.690 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

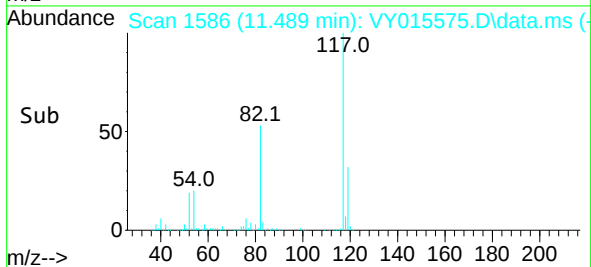
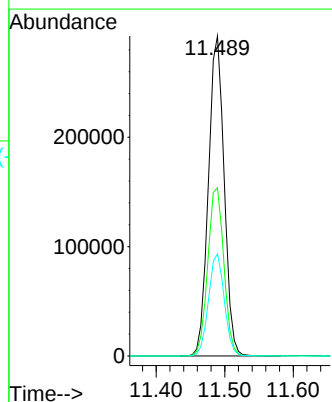
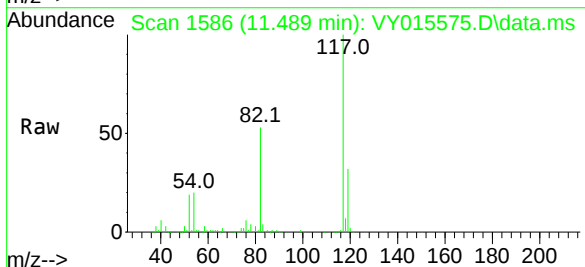
Instrument :
MSVOA_Y
ClientSampleId :

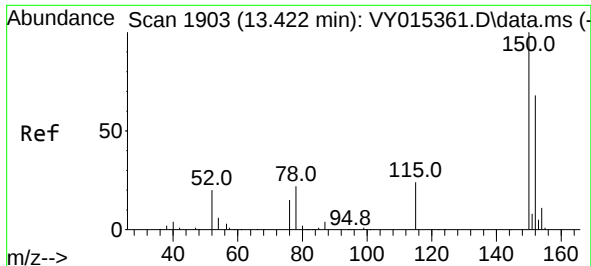
Tgt Ion: 95 Resp: 205779
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015575.D
Acq: 15 Sep 2023 17:25

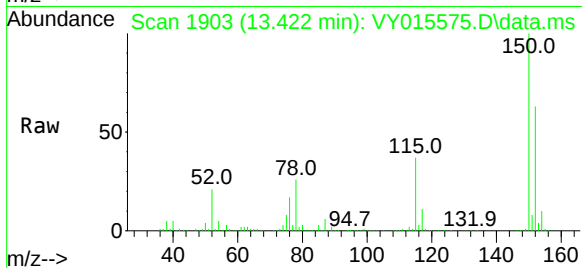
Tgt Ion: 117 Resp: 467684
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.9 26.3 39.5



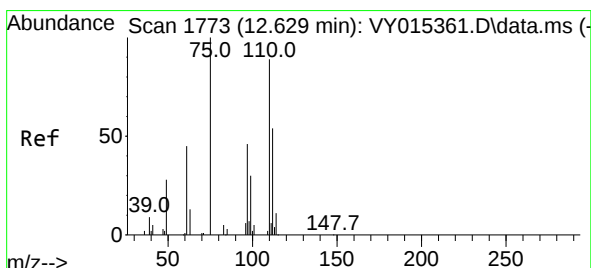
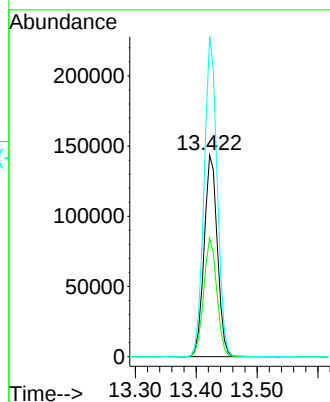
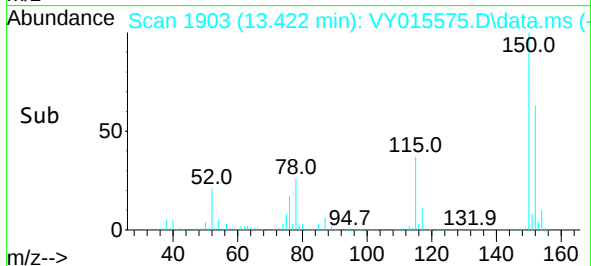


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015575.D
 Acq: 15 Sep 2023 17:25

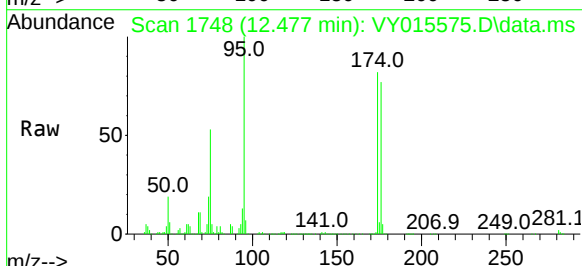
Instrument :
 MSVOA_Y
 ClientSampleId :



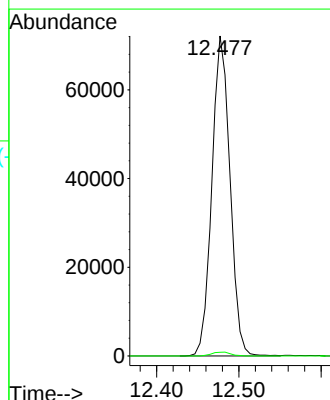
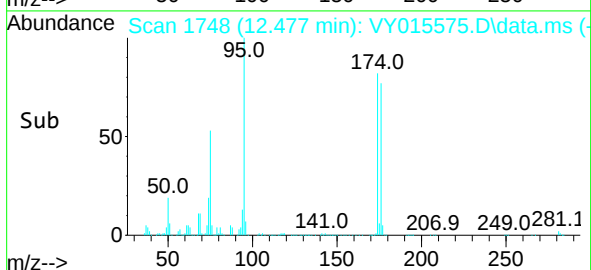
Tgt Ion:152 Resp: 216985
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 157.0 0.0 348.8

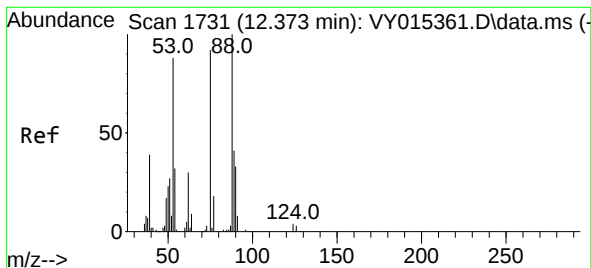


#76
 1,2,3-Trichloropropane
 Concen: 38.351 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015575.D
 Acq: 15 Sep 2023 17:25



Tgt Ion: 75 Resp: 110352
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 84.597 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.098 min

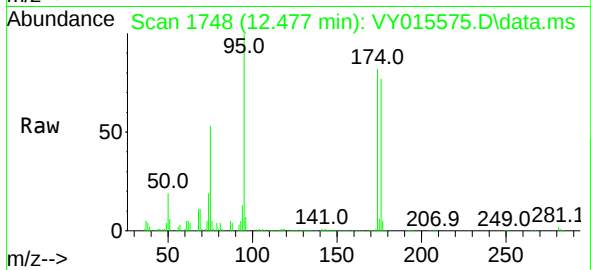
Lab File: VY015575.D

Acq: 15 Sep 2023 17:25

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 110352

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

